



Sangalli Vetro Manfredonia Spa, S.S. 89 Km 162.250 – Frazione Macchia – 71030 Monte S. Angelo (FG)

### DECLARATION OF CONFORMITY

The undersigned hereby declares, on behalf of the following companies:

- Sangalli Vetro Manfredonia Spa, S.S. 89 Km 162.250 – Frazione Macchia – 71030 Monte S. Angelo (FG)
- Sangalli Vetro Porto Nogaro Spa, Via Fermi – Zona Industriale Aussa Corno – 33058 San Giorgio di Nogaro (UD)

that the product named Defender, intended to be used in buildings and construction works, is in conformity with the provisions of the EN 14449:2005, certified with system 1.

Notified body: **0497**

**EN 14449**

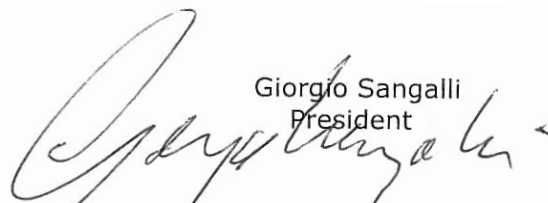
Laminated glass and laminated safety glass to be used in buildings and construction works

### DEFENDER TANK 8108/4.8

Resistance to Fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	NPD
External fire performances (EN 13501-5)	NPD
Bullet resistance (EN 1063)	BR4/S
Explosion resistance (EN 13541)	NPD
Burglar resistance (EN 356)	P5A-P6B
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperatures changes and temperature differentials	40 K
Wind, snow, permanent and imposed load resistance	30.5 mm
Direct airborne sound insulation (EN 12758)	Rw (C;Ctr): NPD dB
Thermal properties (Ug EN 673)	4.6 W/m <sup>2</sup> K
Radiation properties (EN 410)	
Light transmission and reflection	73%, 8%
Solar transmission and reflection	44%, 6%
Dangerous substances	No dangerous substances

Date: 31/01/2011

Giorgio Sangalli  
President



**Sangalli Vetro Manfredonia S.p.a.**

**Sede Legale:** Via Conegliano 75/G – 31058 Susegana (TV)

**Uffici e Stabilimento:** S.S. 89 Km. 162.250 – Località Chiusa del Barone – Frazione Macchia – 71030 Monte S. Angelo (FG)

Capitale Sociale sottoscritto e versato € 38.168.147,00

Codice Fiscale e Numero Iscrizione Registro Imprese di Treviso 02291140719

R.E.A. TV 312033 – P.IVA 02291140719

Tel. +39 0884/580511 – Fax. +39 0884/580531 – e.mail: info@sangalligroup.com

[www.sangalligroup.com](http://www.sangalligroup.com)